

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purpose of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to international application No PCT/GB2003/004162

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization day, month and year of filing, any application for a patent of inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: GB 0222091.1 Filed 24 September 2002

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. & 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements ad the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00  
Name: Yue Hugh GUAN

Residence: Sheffield, United Kingdom GBN  
(city and either US state, if applicable, or country)

Mailing Address: University of Sheffield, School of Dentistry, Sheffield S10 2TA, United Kingdom

Citizenship: British

Inventor's Signature: G. H. Guan Date: 22nd October 2003

2-00  
Name: Terence Henry LILLEY

Residence: Sheffield, United Kingdom GBN  
(city and either US state, if applicable, or country)

Mailing Address: 451 Greystones Road, Sheffield S11 7BY, United Kingdom

Citizenship: British

Inventor's Signature: Terence H Lilley Date: 22nd Oct- 2003